

# PATENT ABSTRACTS OF JAPAN

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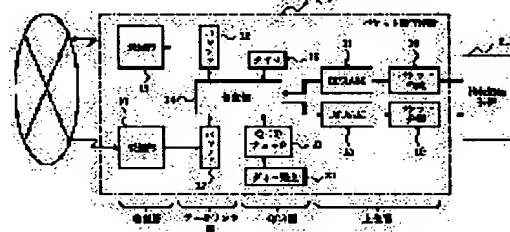
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## (54) PACKET COMMUNICATION EQUIPMENT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To secure the real-time performance of data while securing the quality of data by providing a counter function and a retransmission limiting function or the like for abandoning the packet of a retransmission object and switching the next packet prepared in a high-order layer to a transmission object when the retransmission processing time exceeds a limited value.

**SOLUTION:** A transmission function part is provided with a packet preparing means 10, dual port memory (DPRAM) 11 for storing prepared packets, transmission buffer 12 for successively holding the packets of the transmission object, transmission part 13 for sending the packet to be transmitted to a communication medium while adding a CRC error detection code, and control part 14 for controlling transmission. Further, a timer 15 is provided for measuring the time limit value of retransmission processing concerning the respective transmitted packets. Concerning the packet exceeding the time limit value by measuring time through the timer 15, the packet is abandoned by the control part 14, retransmission processing is stopped and the next packet in a data stream is defined as the transmission object.



## LEGAL STATUS

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